

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-3. (canceled).

4. (original) An ignition coil for an engine comprising:  
a central core assembly including a rod-shaped core;  
a primary spool and a secondary spool arranged around the outer circumference of the central core assembly;  
a primary coil wound on the primary spool and a secondary coil wound on the secondary spool; and  
an insulating member filled around the core, wherein at least one of the two longitudinal end corners of the central core assembly is surrounded by a space.

5. (original) The ignition coil of claim 4, further comprising:  
a first buffer member arranged to cover the other of the two longitudinal end corners of the central core assembly; and  
a second buffer member arranged at at least one of two longitudinal ends of the central core assembly.

6. (original) The ignition coil of claim 5, further comprising:  
a case member enclosing the outer circumference of the central core assembly, wherein the second buffer member provides a sealing between a longitudinal end face of the central core assembly in the space and the case member.

Claims 7-44. (canceled).